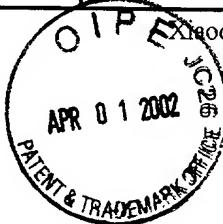




UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/057,179	01/25/2002	Xiaoqiang Ma	MH-5091



Patent Department
Mitsubishi Electric Research Laboratories, Inc.
201 Broadway
Cambridge, MA 02139

CONFIRMATION NO. 5294
FORMALITIES LETTER

OC000000007516223

Date Mailed: 02/22/2002

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Filing Date Granted

This application has been accorded an Application Number and Filing Date. The application, however, is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given **TWO MONTHS** from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

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ATTY DOCKET NO. MH-5091

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ma, et al.

Serial No: 10/057,179

Unit: 2681

Filed: January 24, 2002

Examiner: UNKNOWN

Date of Notice

Batch No.:

To File Corrected

Application Papers: February 22, 2002

Title: **Expectation-Maximization Based Channel Estimation and
Signal Detection for Wireless Communications Systems**

I hereby certify that this correspondence is
being deposited with the United States Postal
Service as FIRST CLASS MAIL in an envelope
addressed to: Assistant Commissioner for
Patents, Washington, D.C. 20231, on:

March 21, 2002

Date of mailing

ACJ

Signature
Andrew J. Curtin

* * *

TRANSMITTAL OF SUBSTITUTE DRAWING(S) TO CORRECT INFORMALITIES

Assistant Commissioner for Patents
Washington, DC 20231

ATTN: Official Draftsperson

Enclosed herewith are formal drawings for the above-identified patent application. Please note that I have requested the filing receipt to reflect the actual filing date of January 24, 2002. It is currently listed as January 25, 2002.

The enclosed drawings correct the informalities as noted in the Draftsperson's objection(s):

on NOTICE TO FILE CORRECTED APPLICATION PAPERS dated 2/22/2002.

on Notice of Allowance dated .

Number of sheets of drawing submitted: Seven (7).

The Assistant Commissioner of Patents is hereby authorized to charge Deposit Account No. 50-0749 in the amount of \$130.00 for any fees regarding this filing.

Respectfully submitted,

Mitsubishi Electric Research Laboratories, Inc.

By:



Andrew J. Curtin
Reg. No. 48,485
Attorney for Assignee

Mitsubishi Electric Research Laboratories, Inc.
201 Broadway
Cambridge, MA 02139
TEL. 617-621-7573
FAX. 617-621-7550

Customer No. 022199